

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	(US-20030220112-\$ or US-20020101942-\$ or US-20060171345-\$ or US-20060002323-\$ or US-20040219937-\$ or US-20040184436-\$ or US-20040166802-\$ or US-20030092403-\$ or US-20020132600-\$ or US-20030098809-\$ or US-20020123319-\$ or US-20010046844-\$ or US-20020132597-\$).did. or (US-6370129-\$ or US-5383164-\$ or US-6201955-\$ or US-6665545-\$ or US-7280810-\$ or US-6701165-\$ or US-6138010-\$ or US-6349217-\$ or US-6122260-\$ or US-6259687-\$ or US-6754475-\$ or US-6351236-\$ or US-7570921-\$ or US-6983173-\$).did.	US-PGPUB; USPAT	OR	ON	2010/08/27 13:34
L2	8	1 and parallel	US-PGPUB; USPAT	OR	ON	2010/08/27 13:34
L3	26	1 and single	US-PGPUB; USPAT	OR	ON	2010/08/27 13:34
L4	18	1 and (Antenna with array)	US-PGPUB; USPAT	OR	ON	2010/08/27 13:36
L5	1	("7,103,325").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/27 13:48
L6	8	(1 OR 5) AND 2	US-PGPUB; USPAT	OR	ON	2010/08/27 13:49
L7	9	(1 or 5) and parallel\$4	US-PGPUB; USPAT	OR	ON	2010/08/27 13:51
L8	26	(1 or 5) and single	US-PGPUB; USPAT	OR	ON	2010/08/27 13:53
L9	0	5 and single	US-PGPUB; USPAT	OR	ON	2010/08/27 13:53
L10	1	("20060268777").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/27 13:54
L11	1	10 and single	US-PGPUB; USPAT	OR	ON	2010/08/27 13:54
L12	1	10 and parallel	US-PGPUB; USPAT	OR	ON	2010/08/27 13:54
L13	1	10 and cellular	US-PGPUB; USPAT	OR	ON	2010/08/27 14:04
S1	1	("20050243954").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/27 08:14

S2	26	("20010005685"   "20020101942"   "20030072382"   "20030220112"   "4635063"   "5028931"   "5315532"   "5383164"   "5596333"   "5949833"   "5959966"   "5982327"   "6018317"   "6128276"   "6160839"   "6188913"   "6201955"   "6236862"   "6298082"   "6314305"   "6314394"   "6321200"   "6370129"   "6404386"   "6453177"   "6665545").PN.	US-PGPUB; USPAT	OR	ON	2008/02/27 08:27
S3	0	(multi-mode) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:30
S4	0	(multi adj2 mode) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:30
S5	1	(access adj2 point) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:30
S6	1	("802.11") and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:30
S7	1	(mode) and S1	US-PGPUB; USPAT	OR	ON	2008/02/27 08:31
S8	20	(receiv\$4 and transmit\$4) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:31
S9	9	(mode) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:31
S10	1	(low\$4 near2 data near2 rate) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:32
S11	5	(High\$4 near2 data near2 rate) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:32
S12	3	(multi-antenna) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:34
S13	8	S2 and baseband	US-PGPUB; USPAT	OR	ON	2008/02/27 08:43
S14	17	(antenna adj2 array) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:44
S15	2	(channel adj2 matrix) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 08:45
S16	0	PCF and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 10:23
S17	0	(point adj2 coordinat\$6) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 10:24
S18	0	(contention) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 10:24
S19	0	(PBCC) and S2	US-PGPUB; USPAT	OR	ON	2008/02/27 10:26
S20	5	((multi-antenna) or (antenna adj2 array)) and mode and PCF and PBCC	US-PGPUB; USPAT	OR	ON	2008/02/27 10:26
S21	57	((multi-antenna) or (antenna adj2 array)) and (access adj2 (point or node)) and (multi-mode or (multi adj2 mode))	US-PGPUB; USPAT	OR	ON	2008/02/27 10:29
S22	95333	("370").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/02/27 10:34
S23	5	S21 and S22	US-PGPUB; USPAT	OR	ON	2008/02/27 10:34

S24	48	((multi-antenna) or (antenna adj2 array)) same (multi-mode or (multi adj2 mode))	US-PGPUB; USPAT	OR	ON	2008/02/27 10:35
S25	2	S22 and S24	US-PGPUB; USPAT	OR	ON	2008/02/27 10:37
S26	96895	("455").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/02/27 10:37
S27	5	S24 and S26	US-PGPUB; USPAT	OR	ON	2008/02/27 10:37
S28	6	("20030104830"   "20030162519"   "20040082356"   "20040087324"   "20040121753"   "7126926").PN.	US-PGPUB; USPAT	OR	ON	2008/03/02 09:27
S29	2	("20040082356"   "7126926").PN.	US-PGPUB; USPAT	OR	ON	2008/03/02 09:27
S30	6	S28 or S29	US-PGPUB; USPAT	OR	ON	2008/03/02 09:27
S31	8	("20040082356"   "5457808"   "5769032"   "6058105"   "7016658"   "7046651"   "7103325"   "7126926"). PN.	US-PGPUB; USPAT	OR	ON	2008/03/02 10:00
S32	2	("20030203743"   "20040072546").PN.	US-PGPUB; USPAT	OR	ON	2008/03/02 10:00
S33	260942	"405"	US-PGPUB; USPAT	OR	ON	2008/03/02 10:00
S34	10	S31 or S32	US-PGPUB; USPAT	OR	ON	2008/03/02 10:00
S35	14	S30 or S34	US-PGPUB; USPAT	OR	ON	2008/03/02 10:00
S36	1	("20050002327").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/05 08:10
S37	1	("20050030377").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/05 08:11
S38	1	("20060098605").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/05 08:11
S39	1	("20050281347").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/05 08:11
S40	4	S36 or S37 or S38 or S39	US-PGPUB; USPAT	OR	ON	2008/03/05 08:11
S41	4	S40 and demodulat\$6	US-PGPUB; USPAT	OR	ON	2008/03/05 08:14
S42	4	S40 and PCF	US-PGPUB; USPAT	OR	ON	2008/03/05 08:15
S43	0	S40 and "HR/DSS"	US-PGPUB; USPAT	OR	ON	2008/03/05 08:21
S44	4	S40 and "HR/DSSS"	US-PGPUB; USPAT	OR	ON	2008/03/05 08:21
S45	4	S40 and header	US-PGPUB; USPAT	OR	ON	2008/03/05 08:22
S46	4	S40 and multicast	US-PGPUB; USPAT	OR	ON	2008/03/05 08:23
S47	4	S40 and "i/Q"	US-PGPUB; USPAT	OR	ON	2008/03/05 08:26
S48	4	S40 and automatically	US-PGPUB; USPAT	OR	ON	2008/03/05 08:29

S49	1	("7103325").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/05 09:23
S50	1	("20040082356").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/05 09:51
S51	1	S50 and baseband	US-PGPUB; USPAT	OR	ON	2008/03/05 09:51
S52	1	("20040082356").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 07:46
S53	1	S52 and demodulat\$6	US-PGPUB; USPAT	OR	ON	2008/03/06 07:46
S54	1	("7103325").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 07:49
S55	1	S54 and baseband	US-PGPUB; USPAT	OR	ON	2008/03/06 07:49
S56	1	S54 and demodulat\$6	US-PGPUB; USPAT	OR	ON	2008/03/06 07:50
S57	1	S52 and matrix	US-PGPUB; USPAT	OR	ON	2008/03/06 08:28
S58	1	S54 and mode	US-PGPUB; USPAT	OR	ON	2008/03/06 08:59
S59	1	S54 and (CQI and CEI)	US-PGPUB; USPAT	OR	ON	2008/03/06 09:13
S60	1	S54 and (CQI and CEI) and mode	US-PGPUB; USPAT	OR	ON	2008/03/06 09:13
S61	1	S54 and (CQI and CEI) and mode and (rate)	US-PGPUB; USPAT	OR	ON	2008/03/06 09:14
S62	1	S52 and rate	US-PGPUB; USPAT	OR	ON	2008/03/06 09:19
S63	1	S52 and mode	US-PGPUB; USPAT	OR	ON	2008/03/06 09:20
S64	1	S62 and S63	US-PGPUB; USPAT	OR	ON	2008/03/06 09:20
S65	1	("20050002327").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 09:41
S66	1	("20050030377").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 09:41
S67	1	("20060098605").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 09:41
S68	1	("20050281347").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 09:41
S69	4	S65 or S66 or S67 or S68	US-PGPUB; USPAT	OR	ON	2008/03/06 09:41
S70	4	S69 and fad\$4	US-PGPUB; USPAT	OR	ON	2008/03/06 09:41
S71	4	S69 and (signal adj2 path)	US-PGPUB; USPAT	OR	ON	2008/03/06 09:43
S72	1	("20050243954").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 09:44
S73	1	S72 and (signal adj2 path)	US-PGPUB; USPAT	OR	ON	2008/03/06 09:44
S74	0	S54 and "802.11"	US-PGPUB; USPAT	OR	ON	2008/03/06 09:45

S75	0	S52 and "802.11"	US-PGPUB; USPAT	OR	ON	2008/03/06 09:45
S76	1	("7126926").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 09:54
S77	1	S76 and "802.11"	US-PGPUB; USPAT	OR	ON	2008/03/06 09:54
S78	1	S54 and IEEE	US-PGPUB; USPAT	OR	ON	2008/03/06 10:02
S79	1	S52 and IEEE	US-PGPUB; USPAT	OR	ON	2008/03/06 10:02
S80	1	S52 and "802.11a"	US-PGPUB; USPAT	OR	ON	2008/03/06 10:03
S81	0	S54 and dummy	US-PGPUB; USPAT	OR	ON	2008/03/06 10:07
S82	0	S54 and latency	US-PGPUB; USPAT	OR	ON	2008/03/06 10:07
S83	1	("7006464").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 10:08
S84	0	S83 and dummy	US-PGPUB; USPAT	OR	ON	2008/03/06 10:09
S85	1	S83 and latenc\$4	US-PGPUB; USPAT	OR	ON	2008/03/06 10:10
S86	2	(S52 or S54) and MIMO	US-PGPUB; USPAT	OR	ON	2008/03/06 10:31
S87	1	S72 and PCF	US-PGPUB; USPAT	OR	ON	2008/03/06 11:02
S88	4	S69 and PCF	US-PGPUB; USPAT	OR	ON	2008/03/06 11:02
S89	3	S52 or S53 or S76 or S83	US-PGPUB; USPAT	OR	ON	2008/03/06 11:04
S90	4	S52 or S54 or S76 or S83	US-PGPUB; USPAT	OR	ON	2008/03/06 11:05
S91	1	S90 and (PCF or (point near2 coordinat \$6) or contention\$6)	US-PGPUB; USPAT	OR	ON	2008/03/06 11:05
S92	4	S90 and (assign\$6)	US-PGPUB; USPAT	OR	ON	2008/03/06 11:48
S93	1	S90 and "802.11"	US-PGPUB; USPAT	OR	ON	2008/03/06 12:00
S94	1	S90 and "802.11" and tim\$4	US-PGPUB; USPAT	OR	ON	2008/03/06 12:00
S95	12	(multi-antenna or (antenna adj2 array)) and "802.11" and PCF and baseband	US-PGPUB; USPAT	OR	ON	2008/03/06 12:02
S96	3	S90 and (poll\$4 or beacon)	US-PGPUB; USPAT	OR	ON	2008/03/06 12:30
S97	2	S90 and (poll\$4 or beacon) and mode	US-PGPUB; USPAT	OR	ON	2008/03/06 14:33
S98	2	S90 and ((poll\$4 or beacon) and mode)	US-PGPUB; USPAT	OR	ON	2008/03/06 14:40
S99	1	S90 and ((poll\$4 or beacon) same mode)	US-PGPUB; USPAT	OR	ON	2008/03/06 14:40
S100	1	S72 and compatability	US-PGPUB; USPAT	OR	ON	2008/03/06 14:47

S101	1	("7046651").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/06 15:25
S102	5	S90 or S101	US-PGPUB; USPAT	OR	ON	2008/03/06 15:25
S103	1	S102 and DSSS	US-PGPUB; USPAT	OR	ON	2008/03/06 15:26
S104	0	S102 and (preamble and header)	US-PGPUB; USPAT	OR	ON	2008/03/06 16:25
S105	2	S102 and (preamble and header)	US-PGPUB; USPAT	OR	ON	2008/03/06 16:25
S106	1	("7046651").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 07:28
S107	1	S106 and (data adj2 rate)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:28
S108	1	S106 and ( rate)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:29
S109	1	S106 and ( rate) and header and modulation	US-PGPUB; USPAT	OR	ON	2008/03/07 07:30
S110	1	("20040082356").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 07:32
S111	1	("7103325").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 07:32
S112	1	("7126926").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 07:32
S113	1	("7006464").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 07:32
S114	4	S110 or S111 or S112 or S113	US-PGPUB; USPAT	OR	ON	2008/03/07 07:32
S115	5	S114 or S106	US-PGPUB; USPAT	OR	ON	2008/03/07 07:32
S116	3	S115 and (header)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:32
S117	3	S115 and (header and rate)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:32
S118	5	S115 and (modulation and rate)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:38
S119	3	S115 and (modulation and header)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:38
S120	1	("5457808").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 07:52
S121	3	S115 and (broadcast\$4 or multicast\$4)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:53
S122	47	multi-tier same (broadcast\$4 or multicast\$4)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:54
S123	9	multi-tier same ( multicast\$4)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:56
S124	1	(short adj2 range) same (long adj2 range) same ( multicast\$4)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:57
S125	103	(short adj2 range) same (long adj2 range) same ( broadcast\$4)	US-PGPUB; USPAT	OR	ON	2008/03/07 07:57
S126	1	S125 and (multi-antenna or (antenna adj2 array))	US-PGPUB; USPAT	OR	ON	2008/03/07 07:58

S127	95866	("370").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/03/07 07:58
S128	26	S125 and (access adj2 (node or point))	US-PGPUB; USPAT	OR	ON	2008/03/07 07:59
S129	39	(( (long adj2 range) with (multicast\$4 or broadcast\$4 or multi-cast\$4)) and ((short adj2 range) with (multicast\$4 or multi-cast\$4 or broadcast\$4))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:05
S130	59	(( (first adj2 range) with (multicast\$4 or broadcast\$4 or multi-cast\$4)) and ((second adj2 range) with (multicast\$4 or multi-cast\$4 or broadcast\$4))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:09
S131	7	S130 and (access adj2 (node or point))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:09
S132	16	S130 and (base adj2 station)	US-PGPUB; USPAT	OR	ON	2008/03/07 08:13
S133	5	((dual adj2 mode) near3 ((base adj2 station) or (access adj2 (node or point)))) and (first adj2 range) and (Second adj2 range) and (broadcast\$4 or multi-cast\$4 or multicast\$4)	US-PGPUB; USPAT	OR	ON	2008/03/07 08:18
S134	4	((dual adj2 mode) near3 ((base adj2 station) or (access adj2 (node or point)))) and (long adj2 range) and (short adj2 range) and (broadcast\$4 or multi-cast\$4 or multicast\$4)	US-PGPUB; USPAT	OR	ON	2008/03/07 08:22
S135	97	(( (first adj2 access) with (multicast\$4 or broadcast\$4 or multi-cast\$4)) and ((second adj2 access) with (multicast\$4 or multi-cast\$4 or broadcast\$4))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:24
S136	52	S135 and (access adj2 (node or point))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:24
S137	52	S135 and (access adj2 (node or point))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:25
S138	33	S127 and S137	US-PGPUB; USPAT	OR	ON	2008/03/07 08:25
S139	26	("20010005685"   "20020101942"   "20030072382"   "20030220112"   "4635063"   "5028931"   "5315532"   "5383164"   "5596333"   "5949833"   "5959966"   "5982327"   "6018317"   "6128276"   "6160839"   "6188913"   "6201955"   "6236862"   "6298082"   "6314305"   "6314394"   "6321200"   "6370129"   "6404386"   "6453177"   "6665545").PN.	US-PGPUB; USPAT	OR	ON	2008/03/07 08:25
S140	0	S139 and multicast\$4	US-PGPUB; USPAT	OR	ON	2008/03/07 08:25
S141	0	S139 and multi-cast\$4	US-PGPUB; USPAT	OR	ON	2008/03/07 08:25
S142	0	(( (first adj2 access adj2 period) with (multicast\$4 or broadcast\$4 or multi- cast\$4)) and ((second adj2 access adj2 period) with (multicast\$4 or multi-cast \$4 or broadcast\$4))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:27

S143	0	(( first adj2 access adj2 period) same (multicast\$4 or broadcast\$4 or multi-cast\$4)) and ((second adj2 access adj2 period) same (multicast\$4 or multi-cast\$4 or broadcast\$4))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:27
S144	316	(beamform\$4 or beamsteer\$4 or ((beam or beam) adj2 steer\$4) ) same (multicast\$4 or broadcast\$4 or multi-cast\$4)	US-PGPUB; USPAT	OR	ON	2008/03/07 08:31
S145	9	S144 same (access adj2 (node or point))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:31
S146	40	S144 and (access adj2 (node or point))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:31
S147	16	S144 and (access adj2 (node or point)) and (multi-antenna or (antenna adj2 array) or (smart adj2 antenna))	US-PGPUB; USPAT	OR	ON	2008/03/07 08:32
S148	13	(beamform\$4 or beamsteer\$4 or ((beam or beam) adj2 steer\$4) ) same (multicast\$4 or multi-cast\$4)	US-PGPUB; USPAT	OR	ON	2008/03/07 08:32
S149	1	("20050002327").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 08:34
S150	1	("20050030377").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 08:34
S151	1	("20060098605").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 08:34
S152	1	("20050281347").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 08:34
S153	4	S149 or S150 or S151 or S152	US-PGPUB; USPAT	OR	ON	2008/03/07 08:34
S154	4	S153 and multicast\$4	US-PGPUB; USPAT	OR	ON	2008/03/07 08:34
S155	4	S153 and fad\$4	US-PGPUB; USPAT	OR	ON	2008/03/07 08:51
S156	1	("20040219937").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/07 08:53
S157	6	S115 or S156	US-PGPUB; USPAT	OR	ON	2008/03/07 08:53
S158	4	S157 and fad\$4	US-PGPUB; USPAT	OR	ON	2008/03/07 08:53
S159	17	(frequency adj2 selective adj2 fad\$4) with mode	US-PGPUB; USPAT	OR	ON	2008/03/07 08:55
S160	118	(frequency adj2 selective adj2 fad\$4) same mode	US-PGPUB; USPAT	OR	ON	2008/03/07 08:57
S161	2	(beamform\$4 or beamsteer\$4 or ((beam or beam) adj2 steer\$4) ) and S157	US-PGPUB; USPAT	OR	ON	2008/03/07 09:52
S162	4	(video or camera) and S157	US-PGPUB; USPAT	OR	ON	2008/03/07 09:55
S163	2	(frequency adj2 selective adj2 fad\$4) and S157	US-PGPUB; USPAT	OR	ON	2008/03/07 09:56
S164	2	(frequency adj2 selective adj2 fad\$4) and S157 and prefix and mode	US-PGPUB; USPAT	OR	ON	2008/03/07 09:57
S165	2	(beamform\$4 or beamsteer\$4 or ((beam or beam) adj2 (form\$4 or steer\$4)) ) and S157	US-PGPUB; USPAT	OR	ON	2008/03/07 10:01



S166	3	S157 and baseband	US-PGPUB; USPAT	OR	ON	2008/03/07 10:27
S167	5	S157 and (mac or (media adj2 access))	US-PGPUB; USPAT	OR	ON	2008/03/07 10:28
S168	2	S157 and (host)	US-PGPUB; USPAT	OR	ON	2008/03/07 10:29
S169	2	S167 and S168	US-PGPUB; USPAT	OR	ON	2008/03/07 10:29
S170	3	S157 and demodulat\$6	US-PGPUB; USPAT	OR	ON	2008/03/07 10:39
S171	5	S157 and mode	US-PGPUB; USPAT	OR	ON	2008/03/07 10:53
S172	741	baseband and ((mac or (media adj2 access)) near2 controller)	US-PGPUB; USPAT	OR	ON	2008/03/07 11:23
S173	50	S172 and (multi-antenna or (antenna adj2 array))	US-PGPUB; USPAT	OR	ON	2008/03/07 11:24
S174	292	baseband same ((mac or (media adj2 access)) near2 controller)	US-PGPUB; USPAT	OR	ON	2008/03/07 11:24
S175	19	S174 and (multi-antenna or (antenna adj2 array))	US-PGPUB; USPAT	OR	ON	2008/03/07 11:24
S176	1	(frequency adj2 selective adj2 fad\$4) and S157 and (prefix same mode)	US-PGPUB; USPAT	OR	ON	2008/03/07 11:46
S177	1	(prefix same (frequency adj2 selective adj2 fad\$4)) and S157 and (prefix same mode)	US-PGPUB; USPAT	OR	ON	2008/03/07 11:47
S178	1	("20050002327").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52
S179	1	("20050030377").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52
S180	1	("20060098605").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52
S181	1	("20050281347").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52
S182	4	S178 or S179 or S180 or S181	US-PGPUB; USPAT	OR	ON	2008/03/10 06:52
S183	4	S182 and PCF	US-PGPUB; USPAT	OR	ON	2008/03/10 06:52
S184	1	("7046651").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52
S185	1	("20040082356").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52
S186	1	("7103325").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52
S187	1	("7126926").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52
S188	1	("7006464").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52
S189	4	S185 or S186 or S187 or S188	US-PGPUB; USPAT	OR	ON	2008/03/10 06:52
S190	5	S189 or S184	US-PGPUB; USPAT	OR	ON	2008/03/10 06:52
S191	1	("20040219937").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/10 06:52

S192	6	S190 or S191	US-PGPUB; USPAT	OR	ON	2008/03/10 06:52
S193	2	S192 and PCF	US-PGPUB; USPAT	OR	ON	2008/03/10 06:52
S194	1	S192 and PCF and "802.11"	US-PGPUB; USPAT	OR	ON	2008/03/10 06:53
S195	1	S186 and terminal	US-PGPUB; USPAT	OR	ON	2008/03/10 07:08
S196	2	S192 and baseband and MAC	US-PGPUB; USPAT	OR	ON	2008/03/10 07:20
S197	1	("20050243954").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/25 08:28
S198	1	S197 and (simultaneous\$4)	US-PGPUB; USPAT	OR	ON	2008/08/25 08:28
S199	2594	baseband same (simultaneous\$4)	US-PGPUB; USPAT	OR	ON	2008/08/25 08:29
S200	294	((multi-antenna) or (antenna adj2 array)) and S199	US-PGPUB; USPAT	OR	ON	2008/08/25 08:30
S201	47	((multi-antenna) or (antenna adj2 array)) same S199	US-PGPUB; USPAT	OR	ON	2008/08/25 08:30
S202	34	S201 and enhanc\$6	US-PGPUB; USPAT	OR	ON	2008/08/25 08:32
S203	9	S201 and (enhanc\$6 same circuit\$4)	US-PGPUB; USPAT	OR	ON	2008/08/25 08:33
S204	33	S199 same (enhanc\$6 same circuit\$4)	US-PGPUB; USPAT	OR	ON	2008/08/25 08:36
S205	17	((multi-antenna) or (antenna adj2 array)) and S204	US-PGPUB; USPAT	OR	ON	2008/08/25 08:36
S206	22028	baseband with process\$4	US-PGPUB; USPAT	OR	ON	2008/08/25 08:37
S207	145	S206 same (enhanc\$6 with (receiver or transmitter or transceiver or circuit\$4))	US-PGPUB; USPAT	OR	ON	2008/08/25 08:37
S208	23	S206 same (enhanc\$6 near3 (receiver or transmitter or transceiver or circuit \$4))	US-PGPUB; USPAT	OR	ON	2008/08/25 08:37
S209	41783	(CMOS or latency) near2 circuit\$4	US-PGPUB; USPAT	OR	ON	2008/08/25 08:42
S210	150	((multi-antenna) or (antenna adj2 array)) and S209	US-PGPUB; USPAT	OR	ON	2008/08/25 08:42
S211	44	S206 and S210	US-PGPUB; USPAT	OR	ON	2008/08/25 08:42
S212	1	S197 and mode	US-PGPUB; USPAT	OR	ON	2008/08/25 08:49
S213	330	PCF same enhanc\$6	US-PGPUB; USPAT	OR	ON	2008/08/25 08:51
S214	17	((multi-antenna) or (antenna adj2 array)) and S213	US-PGPUB; USPAT	OR	ON	2008/08/25 08:51
S215	14	((multi-antenna) or (antenna adj2 array)) same PCF	US-PGPUB; USPAT	OR	ON	2008/08/25 08:52
S216	13	baseband same PCF	US-PGPUB; USPAT	OR	ON	2008/08/25 08:53
S217	3	baseband same (point near2 coordination)	US-PGPUB; USPAT	OR	ON	2008/08/25 08:55

S218	109	baseband and (point near2 coordination)	US-PGPUB; USPAT	OR	ON	2008/08/25 08:56
S219	17	((multi-antenna) or (antenna adj2 array)) and S218	US-PGPUB; USPAT	OR	ON	2008/08/25 08:56
S220	1132	((multi-antenna) or (antenna adj2 array)) same enhanc\$6	US-PGPUB; USPAT	OR	ON	2008/08/25 08:57
S221	61	baseband same S220	US-PGPUB; USPAT	OR	ON	2008/08/25 08:57
S222	31	((multi-antenna) or (antenna adj2 array)) same (function with enhanc\$6)	US-PGPUB; USPAT	OR	ON	2008/08/25 08:58
S223	7	((multi-antenna) or (antenna adj2 array)) same baseband same (increas\$4 or decreas\$4) same (Data near2 rate)	US-PGPUB; USPAT	OR	ON	2008/08/25 09:05
S224	46	((multi-antenna) or (antenna adj2 array)) and (baseband same (increas\$4 or decreas\$4) same (Data near2 rate))	US-PGPUB; USPAT	OR	ON	2008/08/25 09:07
S225	1274	(baseband) same (signal near2 process \$4) same mode	US-PGPUB; USPAT	OR	ON	2008/08/25 09:10
S226	140	((multi-antenna) or (antenna adj2 array)) and S225	US-PGPUB; USPAT	OR	ON	2008/08/25 09:11
S227	38	((multi-antenna) or (antenna adj2 array)) same S225	US-PGPUB; USPAT	OR	ON	2008/08/25 09:11
S228	92441	mode same (simultaneous\$4)	US-PGPUB; USPAT	OR	ON	2008/08/25 09:36
S229	179	((multi-antenna) or (antenna adj2 array)) same S228	US-PGPUB; USPAT	OR	ON	2008/08/25 09:36
S230	7	baseband same S229	US-PGPUB; USPAT	OR	ON	2008/08/25 09:36
S231	11253	mode same (supplement\$6)	US-PGPUB; USPAT	OR	ON	2008/08/25 09:37
S232	2	((multi-antenna) or (antenna adj2 array)) same S231	US-PGPUB; USPAT	OR	ON	2008/08/25 09:37
S233	17	baseband same S231	US-PGPUB; USPAT	OR	ON	2008/08/25 09:38
S234	8068	(antenna with enhanc\$6)	US-PGPUB; USPAT	OR	ON	2008/08/25 09:43
S235	2209	((multi-antenna) or (antenna adj2 array)) and S234	US-PGPUB; USPAT	OR	ON	2008/08/25 09:43
S236	1034	S235 and ((base adj2 station) or (access adj2 point))	US-PGPUB; USPAT	OR	ON	2008/08/25 09:43
S237	712	((multi-antenna) or (antenna adj2 array)) same S234	US-PGPUB; USPAT	OR	ON	2008/08/25 09:43
S238	379	S237 and ((base adj2 station) or (access adj2 point))	US-PGPUB; USPAT	OR	ON	2008/08/25 09:43
S239	169	baseband and S238	US-PGPUB; USPAT	OR	ON	2008/08/25 09:44
S240	103191	("455").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/08/25 09:44
S241	102814	("370").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/08/25 09:44
S242	105	S239 and (S240 or S241)	US-PGPUB; USPAT	OR	ON	2008/08/25 09:44

S243	1589	antenna with (enhanc\$6 with (receiver or transmitter or transceiver or circuit \$4))	US-PGPUB; USPAT	OR	ON	2008/08/25 09:45
S244	98	((multi-antenna) or (antenna adj2 array)) same S243	US-PGPUB; USPAT	OR	ON	2008/08/25 09:45
S245	56	S244 and (S240 or S241)	US-PGPUB; USPAT	OR	ON	2008/08/25 09:45
S246	40	S245 and simultaneous\$6	US-PGPUB; USPAT	OR	ON	2008/08/25 09:49
S247	22	S245 and simultaneous\$6 and mode	US-PGPUB; USPAT	OR	ON	2008/08/25 09:50
S248	179	((multi-antenna) or (antenna adj2 array)) same simultaneous\$6 same mode	US-PGPUB; USPAT	OR	ON	2008/08/25 09:51
S249	48	S248 and (S240 or S241)	US-PGPUB; USPAT	OR	ON	2008/08/25 09:51
S250	22	((multi-antenna) or (antenna adj2 array)) same concurrent\$4 same mode	US-PGPUB; USPAT	OR	ON	2008/08/25 09:58
S251	149	baseband same (enhanc\$6 near2 (process\$4 or circuit\$4))	US-PGPUB; USPAT	OR	ON	2008/08/25 10:35
S252	2	baseband same (enhanc\$6 near2 (process\$4 or circuit\$4)) same (base adj2 station)	US-PGPUB; USPAT	OR	ON	2008/08/25 10:35
S253	6	baseband same (enhanc\$6 near2 (process\$4 or circuit\$4)) same (access adj2 (node or point))	US-PGPUB; USPAT	OR	ON	2008/08/25 10:35
S254	6	S253 and simultaneous\$6	US-PGPUB; USPAT	OR	ON	2008/08/25 10:36
S255	400	(latency with compensation)	US-PGPUB; USPAT	OR	ON	2008/08/25 10:37
S256	2	(latency with compensation) same baseband	US-PGPUB; USPAT	OR	ON	2008/08/25 10:37
S257	12	(latency with compensat\$4) same baseband	US-PGPUB; USPAT	OR	ON	2008/08/25 10:37
S258	188	((delay or latency) with (process\$4 or circuit\$4) with compensat\$4) same baseband	US-PGPUB; USPAT	OR	ON	2008/08/25 10:38
S259	23	((multi-antenna) or (antenna adj2 array)) and S258	US-PGPUB; USPAT	OR	ON	2008/08/25 10:38
S260	631	(signal near2 process\$4) same (baseband near2 process\$4) same (mode)	US-PGPUB; USPAT	OR	ON	2008/08/25 10:45
S261	387	S260 and (S240 or S241)	US-PGPUB; USPAT	OR	ON	2008/08/25 10:45
S262	61	((multi-antenna) or (antenna adj2 array)) and S261	US-PGPUB; USPAT	OR	ON	2008/08/25 10:45
S263	2918	((delay or latency) near2 (process\$4 or circuit\$4) near2 compensat\$4)	US-PGPUB; USPAT	OR	ON	2008/08/25 11:05
S264	3	((multi-antenna) or (antenna adj2 array)) same S263	US-PGPUB; USPAT	OR	ON	2008/08/25 11:05
S265	27	((multi-antenna) or (antenna adj2 array)) and S263	US-PGPUB; USPAT	OR	ON	2008/08/25 11:06
S266	44	S263 same (baseband or (base adj2 band))	US-PGPUB; USPAT	OR	ON	2008/08/25 11:07

S267	7	S266 same mode	US-PGPUB; USPAT	OR	ON	2008/08/25 13:49
S268	17	S266 and mode	US-PGPUB; USPAT	OR	ON	2008/08/25 13:50
S269	10	S268 not S267	US-PGPUB; USPAT	OR	ON	2008/08/25 13:50
S270	2218	(standard same enhanc\$4 same (AP or receiver or (Access adj2 point)))	US-PGPUB; USPAT	OR	ON	2008/08/25 14:08
S271	316	(standard with enhanc\$4 with (AP or receiver or (Access adj2 point)))	US-PGPUB; USPAT	OR	ON	2008/08/25 14:08
S272	201	S271 and mode	US-PGPUB; USPAT	OR	ON	2008/08/25 14:08
S273	33	S271 same mode	US-PGPUB; USPAT	OR	ON	2008/08/25 14:08
S274	724	("802.11" or WLAN) same (AP or (access adj2 point) or (Access adj2 node)) same enhanc\$6	US-PGPUB; USPAT	OR	ON	2008/08/25 14:21
S275	590	S274 and (S240 or S241)	US-PGPUB; USPAT	OR	ON	2008/08/25 14:21
S276	406	((("802.11" or WLAN) with (AP or (access adj2 point) or (Access adj2 node))) same enhanc\$6	US-PGPUB; USPAT	OR	ON	2008/08/25 14:21
S277	329	S276 and (S240 or S241)	US-PGPUB; USPAT	OR	ON	2008/08/25 14:21
S278	185	((("802.11" or WLAN) near3 (AP or (access adj2 point) or (Access adj2 node))) same enhanc\$6	US-PGPUB; USPAT	OR	ON	2008/08/25 14:21
S279	142	S278 and (S240 or S241)	US-PGPUB; USPAT	OR	ON	2008/08/25 14:21
S280	16	((("802.11" or WLAN) near3 (AP or (access adj2 point) or (Access adj2 node))) same ((receiver or transmitter or function or range or chip or circuit \$4) near3 enhanc\$6)	US-PGPUB; USPAT	OR	ON	2008/08/25 14:22
S281	20	((("802.11" or WLAN) with (AP or (access adj2 point) or (Access adj2 node))) same ((receiver or transmitter or function or range or chip or circuit \$4) near3 enhanc\$6)	US-PGPUB; USPAT	OR	ON	2008/08/25 14:27
S282	53	((("802.11" or WLAN) with (AP or (access adj2 point) or (Access adj2 node))) same ((receiver or transmitter or function or range or chip or circuit \$4) with enhanc\$6)	US-PGPUB; USPAT	OR	ON	2008/08/25 14:27
S283	53	((("802.11" or WLAN) with (AP or (access adj2 point) or (Access adj2 node))) same ((receiver or transmitter or function or range or chip or circuit\$4 or chipset) with enhanc\$6)	US-PGPUB; USPAT	OR	ON	2008/08/25 14:27
S284	0	((("802.11" or WLAN) with (AP or (access adj2 point) or (Access adj2 node))) same EDCY same baseband	US-PGPUB; USPAT	OR	ON	2008/08/25 14:28
S285	0	((("802.11" or WLAN) with (AP or (access adj2 point) or (Access adj2 node))) same EDCF same baseband	US-PGPUB; USPAT	OR	ON	2008/08/25 14:28

S286	1	((("802.11" or WLAN) with (AP or (access adj2 point) or (Access adj2 node)))) same enhanc\$6 same (baseband or (base adj2 band))	US-PGPUB; USPAT	OR	ON	2008/08/25 14:31
S287	52	((("802.11" or WLAN) near2 (AP or (access adj2 point) or (Access adj2 node)))) and (enhanc\$6 same (baseband or (base adj2 band)))	US-PGPUB; USPAT	OR	ON	2008/08/25 14:32
S288	2	"US 20050243954"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/01/26 07:53
S289	11	((SHAOLIN) near2 (LI)).INV.	US-PGPUB; USPAT	OR	ON	2010/01/26 07:54
S290	11	S289 and mode	US-PGPUB; USPAT	OR	ON	2010/01/26 07:54
S291	1	S288 and mode	US-PGPUB; USPAT	OR	ON	2010/01/26 07:54
S292	1	S288 and mode and (baseband with processor)	US-PGPUB; USPAT	OR	ON	2010/01/26 08:01
S293	13850	(baseband near2 process\$4) and (signal near2 process\$4)	US-PGPUB; USPAT	OR	ON	2010/01/26 08:02
S294	26239	((multi-antenna) or (phase adj2 array) or (antenna adj2 array))	US-PGPUB; USPAT	OR	ON	2010/01/26 08:03
S295	1876	S293 and S294	US-PGPUB; USPAT	OR	ON	2010/01/26 08:03
S296	225	((dual adj2 mode) or (multi adj2 mode)) and S295	US-PGPUB; USPAT	OR	ON	2010/01/26 08:05
S297	304934	((("455") or ("370") or ("375")).CLAS.	US-PGPUB; USPAT	OR	OFF	2010/01/26 08:05
S298	179	S296 and S297	US-PGPUB; USPAT	OR	ON	2010/01/26 08:05
S299	2557	(baseband near2 process\$4) same ((access adj2 point) or (access adj2 node) or (base adj2 station))	US-PGPUB; USPAT	OR	ON	2010/01/26 08:06
S300	16073	(signal near2 process\$4) same ((access adj2 point) or (access adj2 node) or (base adj2 station))	US-PGPUB; USPAT	OR	ON	2010/01/26 08:06
S301	230	S294 and S299 and S300	US-PGPUB; USPAT	OR	ON	2010/01/26 08:07
S302	6	((dual adj2 mode) or (multi adj2 mode)) and S301	US-PGPUB; USPAT	OR	ON	2010/01/26 08:07
S303	201	(baseband near2 process\$4) same ((access adj2 point) or (access adj2 node) or (base adj2 station)) same mode	US-PGPUB; USPAT	OR	ON	2010/01/26 08:08
S304	1498	(signal near2 process\$4) same ((access adj2 point) or (access adj2 node) or (base adj2 station)) same mode	US-PGPUB; USPAT	OR	ON	2010/01/26 08:08
S305	76	S303 and S304	US-PGPUB; USPAT	OR	ON	2010/01/26 08:08
S306	26239	S294 and ((multi-antenna) or (phase adj2 array) or (antenna adj2 array) or (multiple near2 (antenna or sector)))	US-PGPUB; USPAT	OR	ON	2010/01/26 08:09

S307	23	S305 and ((multi-antenna) or (phase adj2 array) or (antenna adj2 array) or (multiple near2 (antenna or sector)))	US-PGPUB; USPAT	OR	ON	2010/01/26 08:09
S308	4595	(single near2 signal near2 process\$4)	US-PGPUB; USPAT	OR	ON	2010/01/26 08:12
S309	4498	(multiple near2 signal near2 process\$4)	US-PGPUB; USPAT	OR	ON	2010/01/26 08:13
S310	329	S308 and S309	US-PGPUB; USPAT	OR	ON	2010/01/26 08:13
S311	71	(baseband near2 process\$4) and S310	US-PGPUB; USPAT	OR	ON	2010/01/26 08:13
S312	60	S311 and mode	US-PGPUB; USPAT	OR	ON	2010/01/26 09:15
S313	1169	(baseband near2 process\$4) with mode	US-PGPUB; USPAT	OR	ON	2010/01/26 09:18
S314	27519	(signal near2 process\$4) with mode	US-PGPUB; USPAT	OR	ON	2010/01/26 09:18
S315	404	S313 and S314	US-PGPUB; USPAT	OR	ON	2010/01/26 09:19
S316	104	S315 and ((multi-antenna) or (phase adj2 array) or (antenna adj2 array) or (multiple near2 (antenna or sector)))	US-PGPUB; USPAT	OR	ON	2010/01/26 09:20
S317	23	(US-20030220112-\$ or US-20020101942-\$ or US-20060171345-\$ or US-20060002323-\$ or US-20040219937-\$ or US-20040184436-\$ or US-20040166802-\$ or US-20030092403-\$ or US-20020132600-\$ or US-20030098809-\$ or US-20020123319-\$ or US-20010046844-\$ or US-20020132597-\$).did. or (US-6370129-\$ or US-5383164-\$ or US-6201955-\$ or US-6665545-\$ or US-7280810-\$ or US-6701165-\$ or US-6138010-\$ or US-6349217-\$ or US-6122260-\$ or US-6259687-\$).did.	US-PGPUB; USPAT	OR	ON	2010/01/26 09:36
S318	17	S317 and mode	US-PGPUB; USPAT	OR	ON	2010/01/26 09:38
S319	11	S317 and (process\$4 same mode)	US-PGPUB; USPAT	OR	ON	2010/01/26 09:39
S320	33	("20010005685"   "20020101942"   "20020132600"   "20030072382"   "20030220112"   "20040082356"   "20040219937"   "4635063"   "5028931"   "5315532"   "5383164"   "5596333"   "5949833"   "5959966"   "5982327"   "6018317"   "6128276"   "6160839"   "6188913"   "6201955"   "6236862"   "6298082"   "6314305"   "6314394"   "6321200"   "6370129"   "6404386"   "6453177"   "6665545"   "7006464"   "7046651"   "7103325"   "7126926").PN.	US-PGPUB; USPAT	OR	ON	2010/01/26 15:56
S321	15	S320 and mode	US-PGPUB; USPAT	OR	ON	2010/01/26 15:56
S322	7121	((digital near2 signal near2 process\$4) or DSP) with mode	US-PGPUB; USPAT	OR	ON	2010/01/26 17:02

S323	1169	(baseband near2 process\$4) with mode	US-PGPUB; USPAT	OR	ON	2010/01/26 17:03
S324	150	S323 and S322	US-PGPUB; USPAT	OR	ON	2010/01/26 17:03
S325	122	S324 and antenna	US-PGPUB; USPAT	OR	ON	2010/01/26 17:03
S326	78	(multi-antenna) with circuit	US-PGPUB; USPAT	OR	ON	2010/01/26 18:17
S327	21	(baseband near2 process\$4) and S326	US-PGPUB; USPAT	OR	ON	2010/01/26 18:17
S328	4146	(Signal adj2 processor) and (baseband adj2 processor)	US-PGPUB; USPAT	OR	ON	2010/01/26 18:30
S329	384	(mode same (Signal adj2 processor)) and (mode same (baseband adj2 processor))	US-PGPUB; USPAT	OR	ON	2010/01/26 18:30
S330	34524	((multi-antenna) or (antenna adj2 array) or (multiple near2 antenna))	US-PGPUB; USPAT	OR	ON	2010/01/26 18:31
S331	129	S329 and S330	US-PGPUB; USPAT	OR	ON	2010/01/26 18:31
S332	419	(mode same (Signal adj2 processor)) and (mode same ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/01/26 18:35
S333	131	S332 and S330	US-PGPUB; USPAT	OR	ON	2010/01/26 18:35
S334	142	((access adj2 point) or (Access adj2 node) or (base adj2 station) or BTS) same (mode same ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/01/26 20:18
S335	1348	((access adj2 point) or (Access adj2 node) or (base adj2 station) or BTS) same ( ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/01/26 20:19
S336	126	(mode same (Signal adj2 processor)) and S335	US-PGPUB; USPAT	OR	ON	2010/01/26 20:19
S337	75	S336 not S333	US-PGPUB; USPAT	OR	ON	2010/01/26 20:21
S338	1259	((receiv\$4 with (access adj2 point) or (Access adj2 node) or (base adj2 station) or BTS)) same ( ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/01/26 20:22
S339	1259	((multi-antenna) or (antenna adj2 array) or (multiple near2 antenna)) same (Signal adj2 processor))	US-PGPUB; USPAT	OR	ON	2010/01/26 20:23
S340	83	S338 and S339	US-PGPUB; USPAT	OR	ON	2010/01/26 20:23
S341	33	S340 not S333	US-PGPUB; USPAT	OR	ON	2010/01/26 20:23
S342	816	(receiv\$4 with ((access adj2 point) or (Access adj2 node) or (base adj2 station) or BTS)) same ( ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/01/26 20:28



S343	35	S342 and S339	US-PGPUB; USPAT	OR	ON	2010/01/26 20:28
S344	151	((multi-antenna) or (antenna adj2 array) or (multiple near2 antenna)) near2 (Signal adj2 processor))	US-PGPUB; USPAT	OR	ON	2010/01/26 20:34
S345	50	S335 and S344	US-PGPUB; USPAT	OR	ON	2010/01/26 20:34
S346	2592	((multi-antenna) or (antenna adj2 array) or (multiple near2 antenna)) near4 ( process\$4))	US-PGPUB; USPAT	OR	ON	2010/01/26 20:36
S347	85	S335 and S346	US-PGPUB; USPAT	OR	ON	2010/01/26 20:36
S348	97	(S346 same ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/01/26 20:45
S349	262	(S346 and ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/01/26 20:49
S350	165	S349 not S348	US-PGPUB; USPAT	OR	ON	2010/01/26 20:53
S351	119	S350 and mode	US-PGPUB; USPAT	OR	ON	2010/01/26 20:54
S352	6421	((multiple near2 signal)) near4 ( process\$4)	US-PGPUB; USPAT	OR	ON	2010/01/26 21:13
S353	486	S352 same modulat\$4	US-PGPUB; USPAT	OR	ON	2010/01/26 21:13
S354	4	S353 same matrix	US-PGPUB; USPAT	OR	ON	2010/01/26 21:13
S355	4474825	( process\$4)	US-PGPUB; USPAT	OR	ON	2010/01/26 21:13
S356	233105	S355 same modulat\$4	US-PGPUB; USPAT	OR	ON	2010/01/26 21:14
S357	7332	S356 same matrix	US-PGPUB; USPAT	OR	ON	2010/01/26 21:14
S358	2	"US 20050243954"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/01/26 21:15
S359	1	S358 and S357	US-PGPUB; USPAT	OR	ON	2010/01/26 21:15
S360	1190	(signal near2 process\$4) same modulat\$6 same matrix	US-PGPUB; USPAT	OR	ON	2010/01/26 21:16
S361	69	(S360 and ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/01/26 21:16
S362	68	S361 and (mode or select\$6)	US-PGPUB; USPAT	OR	ON	2010/01/26 21:17
S363	876	(signal near2 process\$4) same demodulat\$6 same matrix	US-PGPUB; USPAT	OR	ON	2010/01/26 21:25
S364	31	(S363 and ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/01/26 21:25

S365	51	((S363 and ((base adj2 band adj2 process\$4) or (baseband adj2 process \$4))))	US-PGPUB; USPAT	OR	ON	2010/01/26 21:30
S366	20	S365 not S364	US-PGPUB; USPAT	OR	ON	2010/01/26 21:30
S367	4476	((((signal near2 process\$4) same demodulat\$6) and ((base adj2 band adj2 process\$4) or (baseband adj2 process\$4))))	US-PGPUB; USPAT	OR	ON	2010/01/27 15:34
S368	39	(point adj2 coordinat\$6) and S367	US-PGPUB; USPAT	OR	ON	2010/01/27 15:35
S369	472	((((signal near2 process\$4) same MIMO) and ((base adj2 band adj2 process\$4) or (baseband adj2 process \$4))))	US-PGPUB; USPAT	OR	ON	2010/01/27 15:55
S370	115	((((signal near2 process\$4) same MIMO) and (((base adj2 band adj2 process\$4) or (baseband adj2 process \$4)))) same ("802.11" or WLAN))	US-PGPUB; USPAT	OR	ON	2010/01/27 15:55
S371	103	S370 and (mode or dualmode or multimode)	US-PGPUB; USPAT	OR	ON	2010/01/27 15:59
S372	93	((((signal near2 process\$4) same MIMO) and (((base adj2 band adj2 process\$4) or (baseband adj2 process \$4)))) same ("802.11x" or WLAN or "802.11a" or "802.11b"))	US-PGPUB; USPAT	OR	ON	2010/01/27 16:00
S373	144	((((signal near2 process\$4) same MIMO) and (((base adj2 band adj2 process\$4) or (baseband adj2 process \$4)))) same ("802.11x" or WLAN or "802.11a" or "802.11b" or "802.11"))	US-PGPUB; USPAT	OR	ON	2010/01/27 16:00
S374	129	S373 and (mode or dualmode or multimode)	US-PGPUB; USPAT	OR	ON	2010/01/27 16:01
S375	131	((((signal near2 process\$4)) and ((base adj2 band adj2 process\$4) or (baseband adj2 process\$4))) and PCF	US-PGPUB; USPAT	OR	ON	2010/01/27 16:09
S376	24	S375 and MIMO	US-PGPUB; USPAT	OR	ON	2010/01/27 16:09
S377	111	PCF and MIMO	US-PGPUB; USPAT	OR	ON	2010/01/27 16:10
S378	102	S377 and ("802.11x" or WLAN or "802.11a" or "802.11b" or "802.11")	US-PGPUB; USPAT	OR	ON	2010/01/27 16:10
S379	77	S378 and (mode or dualmode or multimode)	US-PGPUB; USPAT	OR	ON	2010/01/27 16:10
S380	2969	processor with ("802.11x" or WLAN or "802.11a" or "802.11b" or "802.11")	US-PGPUB; USPAT	OR	ON	2010/01/27 16:23
S381	1244	MIMO with processor	US-PGPUB; USPAT	OR	ON	2010/01/27 16:23
S382	53	S380 and S381	US-PGPUB; USPAT	OR	ON	2010/01/27 16:23
S383	1393	((base adj2 band adj2 process\$4) or (baseband adj2 process\$4)) same ("802.11x" or WLAN or "802.11a" or "802.11b" or "802.11")	US-PGPUB; USPAT	OR	ON	2010/01/27 16:35
S384	1949	MIMO same processor	US-PGPUB; USPAT	OR	ON	2010/01/27 16:35

S385	69	S383 and S384	US-PGPUB; USPAT	OR	ON	2010/01/27 16:35
S386	20	("20030128658"   "20030161282"   "20030162519"   "20030235147"   "20040189410"   "20050053170"   "20050075081"   "20050201478"   "20060099925"   "6728517"   "6862271"   "7020110").PN. OR ("7133646").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 16:36
S387	8462	process\$4 with ("802.11x" or WLAN or "802.11a" or "802.11b" or "802.11")	US-PGPUB; USPAT	OR	ON	2010/01/27 16:39
S388	4954	MIMO same process\$4	US-PGPUB; USPAT	OR	ON	2010/01/27 16:39
S389	582	S387 and S388	US-PGPUB; USPAT	OR	ON	2010/01/27 16:40
S390	256	S383 and S389	US-PGPUB; USPAT	OR	ON	2010/01/27 16:40
S391	199	S390 not S385	US-PGPUB; USPAT	OR	ON	2010/01/27 16:40
S392	185	S391 and (mode or dualmode or multimode)	US-PGPUB; USPAT	OR	ON	2010/01/27 16:40
S393	7	S392 and (PCF or (point near2 coordinat \$4))	US-PGPUB; USPAT	OR	ON	2010/01/27 16:41
S394	178	S392 not S393	US-PGPUB; USPAT	OR	ON	2010/01/27 16:41
S395	39	(master with process\$4) and (slave with process\$4) and (multi-antenna or MIMO)	US-PGPUB; USPAT	OR	ON	2010/01/27 16:42
S396	33	("20010005685"   "20020101942"   "20020132600"   "20030072382"   "20030220112"   "20040082356"   "20040219937"   "4635063"   "5028931"   "5315532"   "5383164"   "5596333"   "5949833"   "5959966"   "5982327"   "6018317"   "6128276"   "6160839"   "6188913"   "6201955"   "6236862"   "6298082"   "6314305"   "6314394"   "6321200"   "6370129"   "6404386"   "6453177"   "6665545"   "7006464"   "7046651"   "7103325"   "7126926").PN.	US-PGPUB; USPAT	OR	ON	2010/01/27 16:48
S397	1	("7103325").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/27 16:49
S398	5245	((multi-antenna) or (antenna adj2 array) or (phas\$4 adj2 array) or MIMO or (multiple near2 antenna)) near4 ( process\$4))	US-PGPUB; USPAT	OR	ON	2010/01/27 16:52
S399	28633	process\$4 near4 ("802.11x" or baseband or (base adj2 band) or WLAN or "802.11a" or "802.11b" or "802.11" or PCF or (point near2 coordinat\$4))	US-PGPUB; USPAT	OR	ON	2010/01/27 16:53
S400	1002	S398 and S399	US-PGPUB; USPAT	OR	ON	2010/01/27 16:53
S401	680	S400 and ((access adj2 point) or (access adj2 node) or (base adj2 station))	US-PGPUB; USPAT	OR	ON	2010/01/27 16:55

S402	741	S400 and (mode or dualmode or multimode)	US-PGPUB; USPAT	OR	ON	2010/01/27 16:55
S403	539	((base adj2 band adj2 process\$4) or (baseband adj2 process\$4)) and S402	US-PGPUB; USPAT	OR	ON	2010/01/27 16:56
S404	302	S398 same S399	US-PGPUB; USPAT	OR	ON	2010/01/27 17:01
S405	238	S404 and (mode or dualmode or multimode)	US-PGPUB; USPAT	OR	ON	2010/01/27 17:02
S406	213	((base adj2 band adj2 process\$4) or (baseband adj2 process\$4)) and S405	US-PGPUB; USPAT	OR	ON	2010/01/27 17:03
S407	231980	(("455") or ("370")).CLAS.	US-PGPUB; USPAT	OR	OFF	2010/01/27 17:03
S408	124	S406 and S407	US-PGPUB; USPAT	OR	ON	2010/01/27 17:03
S409	1	("7646744").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/25 13:59
S410	1	("0695446").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/25 14:02
S411	1	("6954446").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/25 14:03
S412	42	("20010005685"   "20020101942"   "20030072382"   "20030203743"   "20030220112"   "20030235147"   "20040082356"   "20040184398"   "20050002327"   "20050243954"   "4635063"   "5028931"   "5315532"   "5383164"   "5596333"   "5949833"   "5959966"   "5982327"   "6002672"   "6018317"   "6128276"   "6160839"   "6188913"   "6201955"   "6236862"   "6298082"   "6314305"   "6314394"   "6321200"   "6370129"   "6404386"   "6453177"   "6665545"   "6937592"   "6952454"   "7006464"   "7046651"   "7103325"   "7120395"   "7126926"   "7493092"   "7564814").PN.	US-PGPUB; USPAT	OR	ON	2010/03/25 14:38
S413	2	"US 20050243954"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/03/25 14:56
S414	208	(baseband near2 process\$4) same ((access adj2 point) or (access adj2 node) or (base adj2 station)) same mode	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S415	1558	(signal near2 process\$4) same ((access adj2 point) or (access adj2 node) or (base adj2 station)) same mode	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S416	77	S414 and S415	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S417	24	S416 and ((multi-antenna) or (phase adj2 array) or (antenna adj2 array) or (multiple near2 (antenna or sector)))	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S418	24	S417	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41

S419	5505	((multi-antenna) or (antenna adj2 array) or (phas\$4 adj2 array) or MIMO or (multiple near2 antenna)) near4 ( process\$4))	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S420	29460	process\$4 near4 ("802.11x" or baseband or (base adj2 band) or WLAN or "802.11a" or "802.11b" or "802.11" or PCF or (point near2 coordinat\$4))	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S421	309	S419 same S420	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S422	242	S421 and (mode or dualmode or multimode)	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S423	216	((base adj2 band adj2 process\$4) or (baseband adj2 process\$4)) and S422	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S424	237223	(( "455") or ("370")).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/25 15:41
S425	126	S423 and S424	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S426	126	S425	US-PGPUB; USPAT	OR	ON	2010/03/25 15:41
S427	20540	(370/328-334,338-339).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/25 15:45
S428	26	S426 and S427	US-PGPUB; USPAT	OR	ON	2010/03/25 15:45
S429	447	(multi\$4 adj2 antenna\$3) or MIMO) and ((signal near2 process\$6) same (select\$4 with (type or mode)))	US-PGPUB; USPAT	OR	ON	2010/03/25 15:46
S430	3776	(370/208,332-334).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/25 15:47
S431	9932	(375/216,295,299,316,346-348).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/25 15:47
S432	13459	S430 or S431	US-PGPUB; USPAT	OR	ON	2010/03/25 15:47
S433	31589	S430 or S431 or S427	US-PGPUB; USPAT	OR	ON	2010/03/25 15:48
S434	80	S429 and S433	US-PGPUB; USPAT	OR	ON	2010/03/25 15:48
S435	11	((SHAOLIN) near2 (LI)).INV.	US-PGPUB; USPAT	OR	ON	2010/03/25 15:49
S436	896	(signal near2 process\$4) same demodulat\$6 same matrix	US-PGPUB; USPAT	OR	ON	2010/03/25 15:49
S437	31	(S436 and ((base adj2 band adj2 processor) or (baseband adj2 processor)))	US-PGPUB; USPAT	OR	ON	2010/03/25 15:49
S438	52	(S436 and ((base adj2 band adj2 process\$4) or (baseband adj2 process \$4)))	US-PGPUB; USPAT	OR	ON	2010/03/25 15:49
S439	21	S438 not S437	US-PGPUB; USPAT	OR	ON	2010/03/25 15:49
S440	21	S439	US-PGPUB; USPAT	OR	ON	2010/03/25 15:49
S441	37	S426 and S433	US-PGPUB; USPAT	OR	ON	2010/03/25 16:03

S442	947	(signal near2 process\$4) same demodulat\$6 same matrix	US-PGPUB; USPAT	OR	ON	2010/08/23 19:12
S443	58	(S442 and ((base adj2 band adj2 process\$4) or (baseband adj2 process \$4)))	US-PGPUB; USPAT	OR	ON	2010/08/23 19:12
S444	58	S443	US-PGPUB; USPAT	OR	ON	2010/08/23 19:12
S445	181	((multi-antenna) or (antenna adj2 array)) and (access adj2 (point or node)) and (multi-mode or (multi adj2 mode))	US-PGPUB; USPAT	OR	ON	2010/08/23 19:14
S446	181	S445	US-PGPUB; USPAT	OR	ON	2010/08/23 19:14
S447	1	("7646744").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/23 19:14
S448	42	("20010005685"   "20020101942"   "20030072382"   "20030203743"   "20030220112"   "20030235147"   "20040082356"   "20040184398"   "20050002327"   "20050243954"   "4635063"   "5028931"   "5315532"   "5383164"   "5596333"   "5949833"   "5959966"   "5982327"   "6002672"   "6018317"   "6128276"   "6160839"   "6188913"   "6201955"   "6236862"   "6298082"   "6314305"   "6314394"   "6321200"   "6370129"   "6404386"   "6453177"   "6665545"   "6937592"   "6952454"   "7006464"   "7046651"   "7103325"   "7120395"   "7126926"   "7493092"   "7564814").PN. OR ("7646744").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/23 19:18
S449	2	"US 20050243954"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/08/23 19:19
S450	0	S446 and S444	US-PGPUB; USPAT	OR	ON	2010/08/23 19:21
S451	1438	((multi-antenna) or (antenna adj2 array)) same (access adj2 (point or node))	US-PGPUB; USPAT	OR	ON	2010/08/23 19:22
S452	3	S443 and S451	US-PGPUB; USPAT	OR	ON	2010/08/23 19:23
S453	2665	((multi-antenna) or (antenna adj2 array) or MIMO) same (access adj2 (point or node))	US-PGPUB; USPAT	OR	ON	2010/08/23 19:23
S454	4	S443 and S453	US-PGPUB; USPAT	OR	ON	2010/08/23 19:24
S455	22953	(370/328-334,338-339).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/23 19:24
S456	4073	(370/208,332-334).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/23 19:24
S457	10623	(375/216,295,299,316,346-348).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/23 19:24
S458	34756	S456 or S457 or S455	US-PGPUB; USPAT	OR	ON	2010/08/23 19:24

S459	34756	S458	US-PGPUB; USPAT	OR	ON	2010/08/23 19:24
S460	13	S443 and S459	US-PGPUB; USPAT	OR	ON	2010/08/23 19:24
S463	2	"US 20050243954"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/08/26 15:25
S464	1	S463 and (First with mode)	US-PGPUB; USPAT	OR	ON	2010/08/26 15:26
S465	1	S463 and "without"	US-PGPUB; USPAT	OR	ON	2010/08/26 15:27
S466	1	S463 and (first adj2 mode)	US-PGPUB; USPAT	OR	ON	2010/08/26 15:27
S467	1	S463 and (baseband processor)	US-PGPUB; USPAT	OR	ON	2010/08/26 15:28
S468	1	S463 and (baseband with processor)	US-PGPUB; USPAT	OR	ON	2010/08/26 15:31
S469	1	("20060268777").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/26 15:45
S470	1	S469 and (baseband with processor)	US-PGPUB; USPAT	OR	ON	2010/08/26 15:49
S471	1	S469 and (baseband with processor) and "130"	US-PGPUB; USPAT	OR	ON	2010/08/26 15:49
S472	1	S469 and (baseband with processor) and "130" and "150"	US-PGPUB; USPAT	OR	ON	2010/08/26 15:51
S473	1	S469 and (baseband with processor) and "130" and "150" and processor	US-PGPUB; USPAT	OR	ON	2010/08/26 15:51
S474	0	S463 and RISC	US-PGPUB; USPAT	OR	ON	2010/08/26 15:53
S475	1	S463 and ASIC	US-PGPUB; USPAT	OR	ON	2010/08/26 15:55

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